



Patent Attorney's Docket No. <u>003250-235</u>

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re P	atent Ap	plication of	AECE!									
Richar	d HELL	BERG	Group Art Unit: 2661									
Applic	ation No	0: 09/731,775	Examiner: Unassigned $\frac{\partial Ch_{\eta_0}}{\partial Q_{VC}} = \frac{\partial Ch_{\eta_0}}{\partial Q_{VC$									
Filed:	Decemb	per 8, 2000	Group Art Unit: 2661 Examiner: Unassigned Technology Center 2600									
For: METHOD AND APPARATUS FOR DIGITAL CHANNELISATION AND DE-CHANNELISATION			RECEIVED									
	MAY 3 0 2001 INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER Echnology Center 2100											
Assistant Commissioner for Patents Washington, D.C. 20231												
Sir:												
Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.												
	[X]	No additional fee for submission	of an IDS is required.									
	[]	The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.										
	[]	A certification under 37 C.F.R. § 1.97(e) is also enclosed.										
	[] A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.											
	[] Charge \$ to Deposit Account No. 02-4800 for the fee due.											
	[]	A check in the amount of \$	is enclosed for the fee due.									
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.												
			Respectfully submitted,									
			BURNS, DOANE, SWECKER & MATHIS, L.L.P.									
Alexan (703) 8	336-6620	rginia 22313-1404	By: Kenneth B. Leffler Registration No. 36,075									
Date:	Date: May 25, 2001											



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Richard HELLBERG) Group Art Unit: 2661
Application No.: 09/731,775	Examiner: Unassigned PECEIVED
Filed: December 8, 2000	Technology 2 0 2001
For: METHOD AND APPARATUS FO	
DE-CHANNELISATION	MAY 3 0 2001

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

PCT Search Report No. PCT/SE99/00971, mailed November 25, 1999:

U.S. Patent No. 5,606,575, issued February 1997, to Williams.

U.S. Patent No. 5,365,470, issued November 1994, to Smith.

U.S. Patent No. 5,297,070, issued March 1994, to Hua et al.

PCT Patent Publication No. WO95/28045, October 1995.

European Patent Publication No. EP 0501690, September 1992.

Also enclosed is the following:

"A Flexible On-board Demultiplexer/Demodulator", Proceedings of the 12th AIAA International Communication Satellite Systems Conference, 1988, pp. 299-303.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

Information Disclosure Statement Application No. <u>09/731,775</u> Attorney's Docket No. <u>003250-235</u> Page 2

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Kenneth B. Leffler

Registration No. 36,075

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

Date: May 25, 2001

SHEET 1 OF 1

	INFO	RMATION		ATTORNEY'S DKT NO. 003250-235 APPLICANT		APPLICATION NO. 09/731,775			
		CITAT	ION	Richard HELLBERG	GROUP				
		PTO-1	449	December 8, 2000		2661			
4	- 10 Table 1		U.	S. PATENT D	OCUMENTS		in the second second		
	EXAMINER'S INITIALS	PATENT NO.	DATÉ		NAME	CLASS	SUBCLASS	FILING	DATE
	IPE	5,606,575	02/1997	Williams					
/9	C. T.	5,365,470	11/1994	Smith		RF	CEIVED		
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9			FOR	EIGN PATENT	DOCUMENTS	1.5		***	
	EXAMINER'S INITIALS	PATENT NO.	DATE	C	DUNTRY	CLASS	SUBCLASS	Transl Yes	lation No
		WO95/28045	10/1995	PCT					
		EP0501690	09/1992	Europe					
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	(M. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	OTHER DOC	UMENTS (In	cluding Author	r, Title, Date, Perti	inent Pag	es, Etc.)		1.4
"A Flexible On-board Demultiplexer/Demodulator", Proceedings of the 12 th A International Communication Satellite Systems Conference, 1988, pp. 299-3									
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	EXAMINER	<u> </u>		I	ATE CONSIDEREI				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.